



# Memorandum

Subject: SUMMARY REPORT ON UTS/IATS  
RELEASES (APR '02)

Date: 20 February 2003

From: Chief, Travel Branch

Reply to  
Attn. of: tvl  
CWO Baker  
2264

To: COTR

1. On 11 April 2002, Travel Branch was tasked with conducting a software application test on the April 2002 versions of UTS and IATS. Our objectives were (a) review test procedures, (b) test and validate the errors and enhancements indicated in enclosure (1), and (c) provide results of testing to COTR.
2. Review of Test Procedures: Our review of the formal process that was developed after the last update for reporting, documenting, tracking and testing errors provided the contractor and us with a master listing. The master list is the list we have based our results and findings in preparing this report. A written software testing procedure guide was developed and used for the first time with this update. The testing consisted of three levels: stub testing, unit testing, and system testing.
3. Test and Validation of Errors and Enhancements: Compared the master listing of all errors and enhancements under the status "in-testing mode" (previously submitted to PSC) with the documentation received in the April 2002 release. We found six errors and one enhancements that PSC had not included in this update as noted below:
  - (a) Error 186 (reports)
    - i. Staff determine reports no longer required and finalized this error
  - (b) Error 293 (Modify settlement claim)
    - i. Error Report Form showed no solution for this at this time. The error will remain "in-testing" status.
  - (c) Error 364 (UTS Accounting)
    - i. No paperwork was returned. The error will remain "in-testing" status.
  - (d) Error 367 (PA mileage)
    - i. No action taken. The error will remain "in-testing" status.

(e) Error 384 (IATS not clearing)

- i. No action taken. Error will remain "in-testing" status.

(f) Error 394 (advances)

- i. No action taken. Error will remain "in-testing" status.

(g) Enhancement 359 (UTS E-mail)

- i. No action taken. Error will remain "in-testing" status.

There were 19 errors/enhancements on the master list to be completed and put in production by PSC (enclosure 1). All errors/enhancements were to be individually tested in the created "test environment", and would be an indication of functionality within a normal operational mode. PSC submitted 12 (63.16%) of the 19 tasks specified in enclosure (1). Of these 12 tasks submitted by PSC, there were 7 (58.33%) errors/enhancements that successfully passed our acceptance testing. We are confident that these items will successfully operate in an operational mode. Enclosure (2) and (3) provide complete testing results and supporting documentation.

PSC submitted eight errors that were listed on the "Refer to PSC" listing. The errors are listed below:

(a) Error 405

- i. Not Tested: The problem was the system was allowing the AO to enter orders and also creating a settlement request indicating the AO had approved the orders. It did not allow the traveler access to the request. We submitted the error to remove the ability for the AO to enter the orders as noted in the UTS User manual. However the programmer selected to allow the AO to enter the order without creating any request. The option programmed only allows the AO to enter an order without the ability to print the order. To maintain integrity we request the programmer remove the ability for the AO to enter orders as we first requested on our submission.

(b) Error 403

(c) Error 404

(d) Error 408

(e) Error 409

(f) Error 416

(g) Error 417

(h) Error 420

The remaining 6 of the eight errors or seventy-five percent successfully passed the testing.

Enclosure (4) is a table based on type of error/enhancement by date requested that are still pending corrections.

Subj: SUMMARY REPORT ON UTS/IATS RELEASE (NOV'01)

20-Feb-03

4. Summary: The test was considered valid. This testing process constitutes a three phase testing process, which includes a Stub Test, Unit Test and System Test. Also implemented was a log sheet for each error and enhancement to be used for documentation and review. We recommend the six errors and one enhancements (not provided in this update) along with the failed errors/enhancements in this update be corrected and provided to us by xx June 02 for re-testing purposes (only). An updated master list will be provided to PSC and you. We will continue to monitor, test and measure the reliability of the new versions of software after they are installed on the production database. Once review is completed please return enclosure (3).

K. M. BAKER

- Encl: (1) Master Listing  
(2) Travel UTS & IATS Testing Results  
(3) UTS/IATS Testing Log & support documents  
(4) Aging of Errors/Enhancements

Year Date	Refer to PSC	"In-Testing"	Enhancements Pending	PCS	Remarks
1997	0	2	3	0	"In-testing" passed.-1 Finalized-1  Enhancements have not been obligated
1998	0	0	1	0	Enhancement has not been obligated
2000	0	6	1	7	In-testing: Passed-3 Failed- 3  One Enhancement has been submitted for obligation.  No testing of PCS errors
2001	3	11	8	0	In-testing: Passed-3 Failed-1  Refer to PSC 1 Fixed  Note Error 398 Retested- Passed  Enhancement has not been obligated.
2002	12	0	4	0	Refer to PSC Passed- 5  Enhancement 3 submitted for obligation.

*Sumet*

1102409000000000

**TEST LOG AND AUDIT**

Error #: 420

Tested By: JR

Stub Test-	Completion Status			Tester Initials
Authorization	Y	<del>N</del>	N/A	
Settlement	<del>Y</del>	N	N/A	
Local Claim	Y	<del>N</del>	N/A	
Advance	Y	<del>N</del>	N/A	
Supplemental Claims	<del>Y</del>	N	N/A	
Blanket Orders	<del>Y</del>	N	N/A	

Unit Test-	Completion Status			Tester Initials
Authorization	Y	<del>N</del>	N/A	
Settlement	Y	<del>N</del>	N/A	
Local Claim	Y	<del>N</del>	N/A	
Advance	Y	<del>N</del>	N/A	
Supplemental Claims	<del>Y</del>	N	N/A	
Blanket Orders	<del>Y</del>	N	N/A	

System Test- IATS	Completion Status			Tester Initials
Authorization	<del>Y</del>	<del>N</del>	N/A	
Settlement	<del>Y</del>	N	N/A	
Local Claim	Y	<del>N</del>	N/A	
Advance	Y	<del>N</del>	N/A	
Supplemental Claims	<del>Y</del>	N	N/A	
Blanket Orders	<del>Y</del>	N	N/A	

Explain IMPACT of Failed Correction to errors and how errors found:

PPD is no longer an option

It paid perfect in IATS.

*[Signature]*

**PASSED**

Test Approved: *[Signature]*

<b>Error Report Form</b>		<b>Error Report Number</b> <b>UTS 420</b>	
1. POC: Jeff Briggs		2. BASELINE or VERSION TESTED: UTS 1.0 November 2001	
3. SYSTEM: UTS 1.0		4. Date the Problem was Discovered: 3/05/02	
5. TITLE OF ERROR: UTS does not compute proportional per diem..			
6. DETAILED PROBLEM/CHANGE DESCRIPTION:  UTS does not compute proportional per diem. The proportional meals appear in the 'Claimed Meal Types' column but are not carried over to the 'Computed Meal Types' column. When the claim is imported into IATS, the proportional meals are not paid.			
7. PSC DESCRIPTION WHEN ERROR REPLICATED:  Anytime you have less than 3 meals of one type (Government, Deductible, or Commercial) you have a Proportional Per Diem Day (PPD). If a traveler has Government meals for lunch and supper but the breakfast is commercial then PPD is paid. If all meals are Commercial except for a supper which is Deductible then PPD is paid. If Proportional is selected as the meal type on the itinerary screen then the daily shows all three meals as PPD.  There is no such things as a PPD meal. The ability to select a PPD meal should be removed from the daily screen to keep someone from selecting it for one of the meals.			
8. DESCRIPTION OF CHANGES MADE and/or PROCEDURES FOR USER INPUT:  PPD can no longer be selected on the Daily screen. To select all days as PPD you must enter PPD on the itinerary. To pay a PPD day the traveler will now have to set the meals for one type and then enter the other type of meal on the daily screen. E.g. all meals are government except for a commercial lunch on one of the days. The traveler would go into the daily screen and change the lunch from government meal to commercial meal. When the claim is imported into IATS that day would be paid at Proportional Per Diem.			
9. Completion Date: 16 March 2002		Accepted/Passed By: Name: Roger Williams Date: 16 March 2002	
10. DATE:  2 April 2002	11. NAME:  <i>Roger G Williams</i>		

## Change Request Add Entry Form

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**000420**

**Date Requested:** 3/5/02

**Submitted By:** PO Jeff Briggs

**Application Affected:** UTS Daily Expenses

**Error Category:** Software error

**Error Rating:** Major

**Request Status:** UTS - Referred to PSC

**Problem Description:** UTS does not compute proportional per diem. The proportional meals appear in the 'Claimed Meal Types' column but are not carried over to the 'Computed Meal Types' column. When the claim is imported into IATS, the proportional meals are not paid.

**Save**

**Cancel**

**Close**

# Travel System Software Change Request

Examiner: YNI Briggs Ext: 2204 Date: 02/21/02

Application	CHECK
UTS	<input checked="" type="checkbox"/>
IATS	<input type="checkbox"/>
Travel Office Verification (circle one: FINCEN, ARSC, YARD)	<input type="checkbox"/>
Reports (please specify)	<input type="checkbox"/>
Industrial Fund Travel	<input type="checkbox"/>

Characterization of Request	CHECK
Software Error	<input type="checkbox"/>
Computational Error (Cite Paragraph, Vol., Ch for JFTR Chg)	<input checked="" type="checkbox"/>
Change Request (Enhancement)	<input type="checkbox"/>

TITLE OF ERROR:

DETAILED PROBLEM/CHANGE DESCRIPTION: (Explain scenario step-by-step. Please attach screen print & supporting documents.)

Does System will not pay "Proportional Per Diem" in the Exceptions to Daily Expenses.

For System Support Use Only

Signature: [Signature]

Version Date: NOV

Replicated/Tested: (circle one) Y / N

Comments:

The Proportional Means show on the "Claimed" Seton, But not the Computed

DESIRED SOLUTION:

Calculate on Daily Expense sheet and export to IATS

Rating of Importance	CHECK
<b>Minor</b> - Error can be bypassed or ignored. Example: a misspelling; a format error; missing edit.	<input type="checkbox"/>
<b>Major</b> - Interferes with claim processing. Example: data field does not allow entry of valid data; claim is computed incorrectly; failure that impedes progress.	<input checked="" type="checkbox"/>
<b>Catastrophic</b> - Halts all processing or causes data loss. Example: Error terminates the application, aborts claim, changes status erroneously or claims get deleted instead of forwarded. - Submit to BLM.	<input type="checkbox"/>

RECOMMENED "WORK-AROUND" UNTIL RESOLVED:

none known at this time. We put a splash on the web site telling members not to use it until further notice.

Assigned #: 420

Approving Signature: [Signature]

Date: 01/1/02